

Unrestrained Passenger Vehicle Occupant (Age>5) Fatalities by County Michigan , 2006

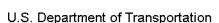




This Report Contains Data From the Following Sources: Fatality Data - NCSA Fatality Analysis Reporting System (FARS) FARS Data: 2006 Annual Report File (ARF) Population Data - U.S. Bureau of the Census

National Highway Traffic Safety Administration

National Center for Statistics and Analysis





Unrestrained Passenger Vehicle Occupant (Age > 5) Fatality Data, Michigan

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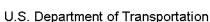
MAPS

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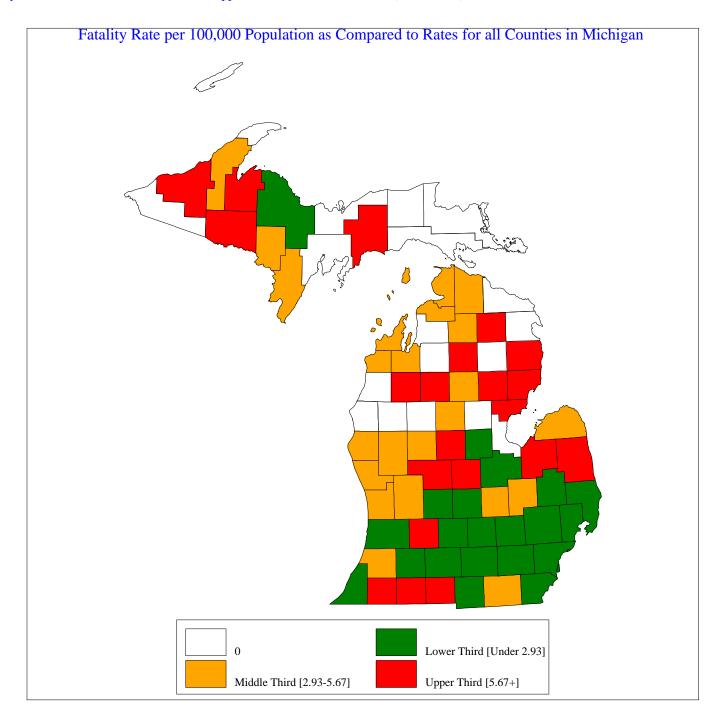
STATISTICS

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Unrestrained Passenger Vehicle Occupant (Age > 5) Fatality Data, Michigan

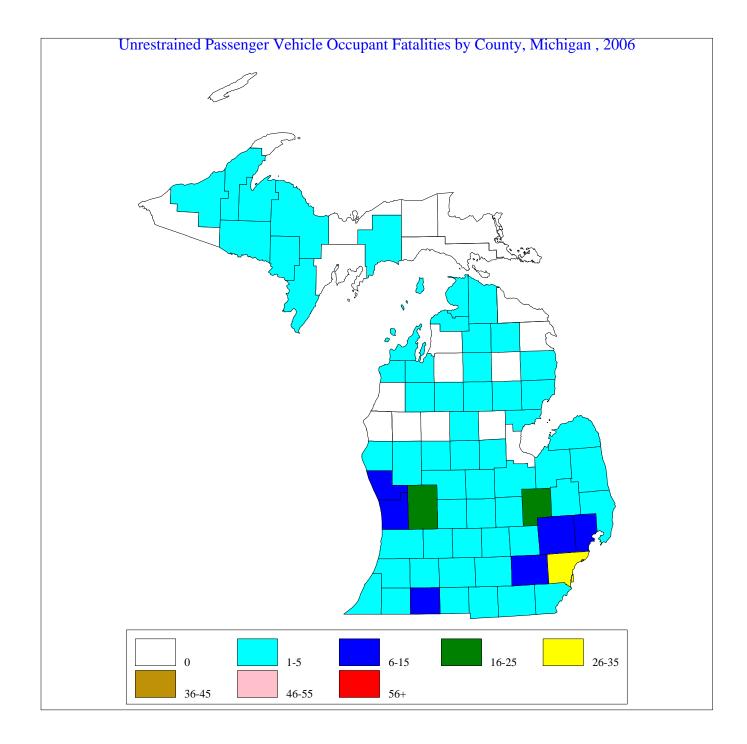
The map below puts the fatality rate/100k population into four bins. Given the fatality rates for all counties in Michigan in 2006, each county's fatality rate can fall in the lower, middle or upper third of rates or could be 0 (no fatalities).

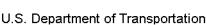


U.S. Department of Transportation

Unrestrained Passenger Vehicle Occupant (Age > 5) Fatality Data, Michigan

The map below categorizes the number of unrestrained passenger vehicle occupant fatalities.





Unrestrained Passenger Vehicle Occupant (Age > 5) Fatality Data, Michigan

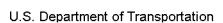
Restraint Use Among Fatally Injured Passenger Vehicle Occupants (aged 5 and above)

		Restrained		Unrest	rained	Unkr	iown	Unrestrained Fatalities per 100k
	Total	Number	Percent	Number	Percent	Number Percent		Population
Michigan	760	419	55%	248	33%	93	12%	2.46

Distribution of Unrestrained Passenger Vehicle Occupant Fatality Rate per 100k Population across all Michigan Counties, 2006

State	33rd	50th	66th	
	Percentile	Percentile	Percentile	
Michigan	2.93	3.91	5.67	

National Center for Statistics and Analysis





Unrestrained Passenger Vehicle Occupant (Age > 5) Fatality Data, Michigan

Restraint Use Among Fatally Injured Passenger Vehicle Occupants (aged 5 and above), by County

County		_						Unrestrained Fatalities per
	m . 1	Restrained		Unrestrained		Unknown		100k
	Total	Number	Percent			Number	Percent	Population
Alcona County	4	1	25%	1	25%	2	50%	8.50
Allegan County	12	9	75%	3	25%	0	0%	2.64
Alpena County	4	4	100%	0	0%	0	0%	0.00
Antrim County	4	4	100%	0	0%	0	0%	0.00
Arenac County	6	5	83%	1	17%	0	0%	5.87
Baraga County	1	0	0%	1	100%	0	0%	11.44
Barry County	9	4	44%	5	56%	0	0%	8.35
Bay County	3	3	100%	0	0%	0	0%	0.00
Benzie County	1	0	0%	1	100%	0	0%	5.67
Berrien County	12	7	58%	4	33%	1	8%	2.47
Branch County	10	5	50%	5	50%	0	0%	10.90
Calhoun County	16	10	63%	4	25%	2	13%	2.90
Cass County	9	5	56%	4	44%	0	0%	7.79
Charlevoix County	3	2	67%	1	33%	0	0%	3.78
Cheboygan County	2	1	50%	1	50%	0	0%	3.67
Chippewa County	4	4	100%	0	0%	0	0%	0.00
Clare County	5	2	40%	1	20%	2	40%	3.19
Clinton County	6	5	83%	1	17%	0	0%	1.43
Crawford County	5	0	0%	3	60%	2	40%	20.10
Dickinson County	3	2	67%	1	33%	0	0%	3.64
Eaton County	6	3	50%	3	50%	0	0%	2.80
Emmet County	1	0	0%	1	100%	0	0%	2.98
Genesee County	43	21	49%	17	40%	5	12%	3.85
Gladwin County	2	1	50%	0	0%	1	50%	0.00
Grand Traverse County	12	8	67%	4	33%	0	0%	4.71
Gratiot County	7	2	29%	4	57%	1	14%	9.50
Hillsdale County	8	6	75%	1	13%	1	13%	2.12
Houghton County	4	2	50%	2	50%	0	0%	5.66
Huron County	2	1	50%	1	50%	0	0%	2.93
Ingham County	6	4	67%	2	33%	0	0%	0.72
Ionia County	4	2	50%	1	25%	1	25%	1.54
Iosco County	5	3	60%	2	40%	0	0%	7.45
Iron County	2	1	50%	1	50%	0	0%	8.08
Isabella County	6	1	17%	4	67%	1	17%	6.08
(Continued)			l		l .			

(Continued)

County	Country								Unrestrained
December December	County		Restrained		Unrestrained		Unknown		
Kalamazoo County 20 13 65% 4 20% 3 15% 1.66 Kalkaska County 2 2 100% 0 0% 0 0% 0.00 Kent County 41 15 37% 21 51% 5 12% 3.50 Lake County 1 0 0% 0 0% 1 100% 0.00 Lapeer County 5 4 80% 1 20% 0 0% 1.07 Leelanau County 3 2 67% 1 33% 0 0% 4.52 Lenawee County 15 10 67% 4 27% 1 7% 3.91 Livingston County 16 13 81% 2 13% 1 6% 1.00 Luce County 4 3 75% 0 0% 1 1.20 Macomb County 3 2 26% 10 27% 4		Total	Number	Percent	Number	Percent	Number	Percent	
Kalkaska County 2 2 100% 0 0% 0 0% 0.00 Kent County 41 15 37% 21 51% 5 12% 3.50 Lake County 1 0 0% 0 0% 1 100% 0.00 Lapeer County 5 4 80% 1 20% 0 0% 1.07 Lecal and County 3 2 67% 1 33% 0 0% 4.52 Lenawee County 15 10 67% 4 27% 1 7% 3.91 Livingston County 16 13 81% 2 13% 1 6% 1.08 Lace County 4 3 75% 0 0% 1 2.5% Macomb County 37 23 62% 10 27% 4 11% 1.20 Manistee County 5 4 80% 1 20% 0	Jackson County	15	10	67%	4	27%	1	7%	2.44
Kent County	Kalamazoo County	20	13	65%	4	20%	3	15%	1.66
Lake County	Kalkaska County	2	2	100%	0	0%	0	0%	0.00
Lapeer County	Kent County	41	15	37%	21	51%	5	12%	3.50
Leelanau County	Lake County	1	0	0%	0	0%	1	100%	0.00
Lenawee County	Lapeer County	5	4	80%	1	20%	0	0%	1.07
Livingston County	Leelanau County	3	2	67%	1	33%	0	0%	4.52
Luce County 4 3 75% 0 0% 1 25% 0.00 Macomb County 37 23 62% 10 27% 4 11% 1.20 Manistee County 1 1 100% 0 0% 0 0% 0.00 Marquette County 5 4 80% 1 20% 0 0% 1.55 Mecosta County 7 3 43% 2 29% 2 29% 4.73 Menominee County 3 2 67% 1 33% 0 0% 4.05 Midland County 4 3 75% 1 25% 0 0% 1.19 Missaukee County 3 1 33% 2 67% 0 0% 13.16 Monroe County 11 6 55% 4 36% 1 9% 2.58 Montalm County 6 1 17% 4 67% </th <th>Lenawee County</th> <th>15</th> <th>10</th> <th>67%</th> <th>4</th> <th>27%</th> <th>1</th> <th>7%</th> <th>3.91</th>	Lenawee County	15	10	67%	4	27%	1	7%	3.91
Macomb County 37 23 62% 10 27% 4 11% 1.20 Manistee County 1 1 100% 0 0% 0 0% 0.00 Marquette County 5 4 80% 1 20% 0 0% 1.55 Mecosta County 7 3 43% 2 29% 2 29% 4.73 Menominee County 3 2 67% 1 33% 0 0% 4.05 Midland County 4 3 75% 1 25% 0 0% 1.19 Missaukee County 3 1 33% 2 67% 0 0% 13.16 Monroe County 11 6 55% 4 36% 1 9% 2.58 Montcalm County 6 1 17% 4 67% 1 17% 6.25 Montmorency County 2 1 50% 0	Livingston County	16	13	81%	2	13%	1	6%	1.08
Manistee County 1 1 100% 0 0% 0 0% 0.00 Marquette County 5 4 80% 1 20% 0 0% 1.55 Mecosta County 7 3 43% 2 29% 2 29% 4.73 Menominee County 3 2 67% 1 33% 0 0% 4.05 Midland County 4 3 75% 1 25% 0 0% 1.19 Missaukee County 3 1 33% 2 67% 0 0% 13.16 Monroe County 11 6 55% 4 36% 1 9% 2.58 Montcalm County 6 1 17% 4 67% 1 17% 6.25 Montmorency County 2 1 50% 1 50% 0 0% 9.54 Muskegon County 17 7 41% 8 <	Luce County	4	3	75%	0	0%	1	25%	0.00
Marquette County 5 4 80% 1 20% 0 0% 1.55 Mecosta County 7 3 43% 2 29% 2 29% 4.73 Menominee County 3 2 67% 1 33% 0 0% 4.05 Midland County 4 3 75% 1 25% 0 0% 1.19 Missaukee County 3 1 33% 2 67% 0 0% 13.16 Monroe County 11 6 55% 4 36% 1 9% 2.58 Montalm County 6 1 17% 4 67% 1 17% 6.25 Montmorency County 2 1 50% 1 50% 0 0% 9.54 Muskegon County 17 7 41% 8 47% 2 12% 4.57 Newayo County 6 4 67% 2 <th< th=""><th>Macomb County</th><th>37</th><th>23</th><th>62%</th><th>10</th><th>27%</th><th>4</th><th>11%</th><th>1.20</th></th<>	Macomb County	37	23	62%	10	27%	4	11%	1.20
Mecosta County 7 3 43% 2 29% 2 29% 4.73 Menominee County 3 2 67% 1 33% 0 0% 4.05 Midland County 4 3 75% 1 25% 0 0% 1.19 Missaukee County 3 1 33% 2 67% 0 0% 13.16 Monroe County 11 6 55% 4 36% 1 9% 2.58 Montcalm County 6 1 17% 4 67% 1 17% 6.25 Montmorency County 2 1 50% 1 50% 0 0% 9.54 Muskegon County 17 7 41% 8 47% 2 12% 4.57 Newaygo County 6 4 67% 2 33% 0 0% 4.01 Oakland County 43 29 67% 10	Manistee County	1	1	100%	0	0%	0	0%	0.00
Menominee County 3 2 67% 1 33% 0 0% 4.05 Midland County 4 3 75% 1 25% 0 0% 1.19 Missaukee County 3 1 33% 2 67% 0 0% 13.16 Monroe County 11 6 55% 4 36% 1 9% 2.58 Montcalm County 6 1 17% 4 67% 1 17% 6.25 Montmorency County 2 1 50% 1 50% 0 0% 9.54 Muskegon County 17 7 41% 8 47% 2 12% 4.57 Newaygo County 6 4 67% 2 33% 0 0% 4.01 Oakland County 43 29 67% 10 23% 4 9% 0.82 Ocean County 2 0 0% 3	Marquette County	5	4	80%	1	20%	0	0%	1.55
Midland County 4 3 75% 1 25% 0 0% 1.19 Missaukee County 3 1 33% 2 67% 0 0% 13.16 Monroe County 11 6 55% 4 36% 1 9% 2.58 Montcalm County 6 1 17% 4 67% 1 17% 6.25 Montmorency County 2 1 50% 1 50% 0 0% 9.54 Muskegon County 17 7 41% 8 47% 2 12% 4.57 Newaygo County 6 4 67% 2 33% 0 0% 4.01 Oakland County 43 29 67% 10 23% 4 9% 0.82 Oceana County 2 0 0% 1 50% 1 50% 3.49 Ogemaw County 3 0 0% 2 10	Mecosta County	7	3	43%	2	29%	2	29%	4.73
Missaukee County 3 1 33% 2 67% 0 0% 13.16 Monroe County 11 6 55% 4 36% 1 9% 2.58 Montcalm County 6 1 17% 4 67% 1 17% 6.25 Montmorency County 2 1 50% 1 50% 0 0% 9.54 Muskegon County 17 7 41% 8 47% 2 12% 4.57 Newaygo County 6 4 67% 2 33% 0 0% 4.01 Oakland County 43 29 67% 10 23% 4 9% 0.82 Oceana County 2 0 0% 1 50% 1 50% 3.49 Ogemaw County 3 0 0% 3 100% 0 0% 27.77 Oscola County 1 0 0% 0 0%	Menominee County	3	2	67%	1	33%	0	0%	4.05
Monroe County 11 6 55% 4 36% 1 9% 2.58 Montcalm County 6 1 17% 4 67% 1 17% 6.25 Montmorency County 2 1 50% 1 50% 0 0% 9.54 Muskegon County 17 7 41% 8 47% 2 12% 4.57 Newaygo County 6 4 67% 2 33% 0 0% 4.01 Oakland County 43 29 67% 10 23% 4 9% 0.82 Ocean County 2 0 0% 1 50% 1 50% 3.49 Ogemaw County 3 0 0% 3 100% 0 0% 13.85 Ontonagon County 2 0 0% 2 100% 0 0% 27.77 Osceola County 1 0 0% 0 0%	Midland County	4	3	75%	1	25%	0	0%	1.19
Montcalm County 6 1 17% 4 67% 1 17% 6.25 Montmorency County 2 1 50% 1 50% 0 0% 9.54 Muskegon County 17 7 41% 8 47% 2 12% 4.57 Newaygo County 6 4 67% 2 33% 0 0% 4.01 Oakland County 43 29 67% 10 23% 4 9% 0.82 Oceana County 2 0 0% 1 50% 1 50% 3.49 Ogemaw County 3 0 0% 3 100% 0 0% 13.85 Ontonagon County 2 0 0% 2 100% 0 0% 27.77 Oscola County 1 0 0% 0 0% 1 100% 0.00 Ostago County 7 6 86% 1 14	Missaukee County	3	1	33%	2	67%	0	0%	13.16
Montmorency County 2 1 50% 1 50% 0 0% 9.54 Muskegon County 17 7 41% 8 47% 2 12% 4.57 Newaygo County 6 4 67% 2 33% 0 0% 4.01 Oakland County 43 29 67% 10 23% 4 9% 0.82 Oceana County 2 0 0% 1 50% 1 50% 3.49 Ogemaw County 3 0 0% 3 100% 0 0% 13.85 Ontonagon County 2 0 0% 2 100% 0 0% 27.77 Osceola County 1 0 0% 0 0% 1 100% 0.00 Osceola County 2 1 50% 0 0% 1 100% 0.00 Osceola County 7 6 86% 1 1	Monroe County	11	6	55%	4	36%	1	9%	2.58
Muskegon County 17 7 41% 8 47% 2 12% 4.57 Newaygo County 6 4 67% 2 33% 0 0% 4.01 Oakland County 43 29 67% 10 23% 4 9% 0.82 Oceana County 2 0 0% 1 50% 1 50% 3.49 Ogemaw County 3 0 0% 3 100% 0 0% 13.85 Ontonagon County 2 0 0% 2 100% 0 0% 27.77 Osceola County 1 0 0% 0 0% 1 100% 0.00 Osceola County 7 6 86% 1 14% 0 0% 4.05 Ottawa County 24 14 58% 8 33% 2 8% 3.10 Roscommon County 1 0 0% 1 100%	Montcalm County	6	1	17%	4	67%	1	17%	6.25
Newaygo County 6 4 67% 2 33% 0 0% 4.01 Oakland County 43 29 67% 10 23% 4 9% 0.82 Oceana County 2 0 0% 1 50% 1 50% 3.49 Ogemaw County 3 0 0% 3 100% 0 0% 13.85 Ontonagon County 2 0 0% 2 100% 0 0% 27.77 Osceola County 1 0 0% 0 0% 1 100% 0.00 Oscoda County 2 1 50% 0 0% 1 50% 0.00 Otsego County 7 6 86% 1 14% 0 0% 4.05 Ottawa County 24 14 58% 8 33% 2 8% 3.10 Roscommon County 1 0 0% 1 100%	Montmorency County	2	1	50%	1	50%	0	0%	9.54
Oakland County 43 29 67% 10 23% 4 9% 0.82 Oceana County 2 0 0% 1 50% 1 50% 3.49 Ogemaw County 3 0 0% 3 100% 0 0% 13.85 Ontonagon County 2 0 0% 2 100% 0 0% 27.77 Osceola County 1 0 0% 0 0% 1 100% 0.00 Oscoda County 2 1 50% 0 0% 1 50% 0.00 Otsego County 7 6 86% 1 14% 0 0% 4.05 Ottawa County 24 14 58% 8 33% 2 8% 3.10 Roscommon County 1 0 0% 1 100% 0 0% 3.84 Saginaw County 2 16 73% 3 14% <th>Muskegon County</th> <th>17</th> <th>7</th> <th>41%</th> <th>8</th> <th>47%</th> <th>2</th> <th>12%</th> <th>4.57</th>	Muskegon County	17	7	41%	8	47%	2	12%	4.57
Oceana County 2 0 0% 1 50% 1 50% 3.49 Ogemaw County 3 0 0% 3 100% 0 0% 13.85 Ontonagon County 2 0 0% 2 100% 0 0% 27.77 Osceola County 1 0 0% 0 0% 1 100% 0.00 Oscoda County 2 1 50% 0 0% 1 50% 0.00 Otsego County 7 6 86% 1 14% 0 0% 4.05 Ottawa County 24 14 58% 8 33% 2 8% 3.10 Roscommon County 1 0 0% 1 100% 0 0% 3.84 Saginaw County 2 16 73% 3 14% 3 14% 1.45 Sanilac County 5 1 20% 4 80%	Newaygo County	6	4	67%	2	33%	0	0%	4.01
Ogemaw County 3 0 0% 3 100% 0 0% 13.85 Ontonagon County 2 0 0% 2 100% 0 0% 27.77 Osceola County 1 0 0% 0 0% 1 100% 0.00 Oscoda County 2 1 50% 0 0% 1 50% 0.00 Otsego County 7 6 86% 1 14% 0 0% 4.05 Ottawa County 24 14 58% 8 33% 2 8% 3.10 Roscommon County 1 0 0% 1 100% 0 0% 3.84 Saginaw County 22 16 73% 3 14% 3 14% 1.45 Sanilac County 5 1 20% 4 80% 0 0% 9.00	Oakland County	43	29	67%	10	23%	4	9%	0.82
Ontonagon County 2 0 0% 2 100% 0 0% 27.77 Osceola County 1 0 0% 0 0% 1 100% 0.00 Oscoda County 2 1 50% 0 0% 1 50% 0.00 Otsego County 7 6 86% 1 14% 0 0% 4.05 Ottawa County 24 14 58% 8 33% 2 8% 3.10 Roscommon County 1 0 0% 1 100% 0 0% 3.84 Saginaw County 22 16 73% 3 14% 3 14% 1.45 Sanilac County 5 1 20% 4 80% 0 0% 9.00	Oceana County	2	0	0%	1	50%	1	50%	3.49
Osceola County 1 0 0% 0 0% 1 100% 0.00 Oscoda County 2 1 50% 0 0% 1 50% 0.00 Otsego County 7 6 86% 1 14% 0 0% 4.05 Ottawa County 24 14 58% 8 33% 2 8% 3.10 Roscommon County 1 0 0% 1 100% 0 0% 3.84 Saginaw County 22 16 73% 3 14% 3 14% 1.45 Sanilac County 5 1 20% 4 80% 0 0% 9.00	Ogemaw County	3	0	0%	3	100%	0	0%	13.85
Oscoda County 2 1 50% 0 0% 1 50% 0.00 Otsego County 7 6 86% 1 14% 0 0% 4.05 Ottawa County 24 14 58% 8 33% 2 8% 3.10 Roscommon County 1 0 0% 1 100% 0 0% 3.84 Saginaw County 22 16 73% 3 14% 3 14% 1.45 Sanilac County 5 1 20% 4 80% 0 0% 9.00	Ontonagon County	2	0	0%	2	100%	0	0%	27.77
Otsego County 7 6 86% 1 14% 0 0% 4.05 Ottawa County 24 14 58% 8 33% 2 8% 3.10 Roscommon County 1 0 0% 1 100% 0 0% 3.84 Saginaw County 22 16 73% 3 14% 3 14% 1.45 Sanilac County 5 1 20% 4 80% 0 0% 9.00	Osceola County	1	0	0%	0	0%	1	100%	0.00
Ottawa County 24 14 58% 8 33% 2 8% 3.10 Roscommon County 1 0 0% 1 100% 0 0% 3.84 Saginaw County 22 16 73% 3 14% 3 14% 1.45 Sanilac County 5 1 20% 4 80% 0 0% 9.00	Oscoda County	2	1	50%	0	0%	1	50%	0.00
Roscommon County 1 0 0% 1 100% 0 0% 3.84 Saginaw County 22 16 73% 3 14% 3 14% 1.45 Sanilac County 5 1 20% 4 80% 0 0% 9.00	Otsego County	7	6	86%	1	14%	0	0%	4.05
Saginaw County 22 16 73% 3 14% 3 14% 1.45 Sanilac County 5 1 20% 4 80% 0 0% 9.00	Ottawa County	24	14	58%	8	33%	2	8%	3.10
Sanilac County 5 1 20% 4 80% 0 0% 9.00	Roscommon County	1	0	0%	1	100%	0	0%	3.84
	Saginaw County	22	16	73%	3	14%	3	14%	1.45
Schoolcraft County 3 1 33% 1 33% 1 33% 11.44	Sanilac County	5	1	20%	4	80%	0	0%	9.00
	Schoolcraft County	3	1	33%	1	33%	1	33%	11.44

(Continued)

County		Restrained		Unrestrained		Unknown		Unrestrained Fatalities per 100k
	Total	Number	Percent	Number	Percent	Number	Percent	Population
Shiawassee County	8	4	50%	3	38%	1	13%	4.11
St. Clair County	13	9	69%	4	31%	0	0%	2.33
St. Joseph County	14	6	43%	7	50%	1	7%	11.15
Tuscola County	11	6	55%	4	36%	1	9%	6.91
Van Buren County	8	4	50%	4	50%	0	0%	5.06
Washtenaw County	25	14	56%	10	40%	1	4%	2.91
Wayne County	105	45	43%	26	25%	34	32%	1.32
Wexford County	10	7	70%	3	30%	0	0%	9.38